

Curriculum Vitae
Horvey M. Palacios, M.A.

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EDUCATION

University of Oklahoma (O.U.) Advisor Cecil M. Lewis, Jr.	Molecular Anthropology	Ph.D. 2021 – present
University of Oklahoma (O.U.)	Data Analytics	Certificate
University of Oklahoma (O.U.)	Digital Humanities	Certificate 2023
University of Central Florida (U.C.F.) Advisor J. Marla Toyne Michael Callaghan	Anthropological Bioarchaeology	M.A. 2021
University of Miami (U.M.) Advisor Traci Ardren	Anthropology/Advertising	B.A. 2018

CURRENT POSITION

PhD Student and Graduate Researcher, Graduate Research Assistant, Department of Anthropology; Laboratories of Molecular Anthropology and Microbiome Research (LMAMR), University of Oklahoma, Norman, OK

RESEARCH AND TEACHING INTERESTS

Bioarchaeology • Community-Engagement • Collective Memory • Identity • Inequality • Ethics–ELSI • Diet • Health
ancient DNA • multi-Omics • Isotopes • Maya • Florida • SciComm • Digital Humanities

APPOINTMENTS

- 2022– **Graduate Research Assistant**, Laboratories of Molecular Anthropology and Microbiome Research, University of Oklahoma, Norman, OK– NIH Grant (NCIR25 00925-0001) *Native American Youths Enjoy Science – YES Oklahoma*, PIs: Lewis, C.M.; Monroe, C.; Smith, K.; Rajagopal, R.
- 2022 **Core Member**, Data Institute for Societal Changes, University of Oklahoma.
- 2022– **Associate Editor**, OKPAN Quarterly Magazine, Oklahoma Public Archaeology Network.
- 2021– **Graduate Researcher**, Center for Excellence in Indigenous Genomic Research, College of Arts and Science, University of Oklahoma.
- 2021 **Graduate Research Assistant**, Center for Applied Social Research, University of Oklahoma, Norman, OK– NIH Grant (RM1 HG009042) PIs: Spicer, P.G; Lewis, C.M.; Dillard, D.A.; Orr, R.I.
- 2021 **Graduate Teaching Assistant**, Anthropology department, University of Central Florida, Orlando, FL.
- 2015 **Teaching Assistant**, Department of Anthropology, University of Miami, Coral Gables, FL.

RESEARCH GRANTS

Internal Grants

- 2022 Robberson and Wethington Prestigious Course Grant (\$3250)– IsoCamp: University of New Mexico Center for Stable Isotope Biogeochemistry and Ecology Course.
- 2022 Graduate Student Senate Research Grant (\$750)– “Dental calculus as a tool for exploring Classic period Maya health and inequity through metagenomes.”
- 2022 M.E. & L.R. Opler Endowment Grant (\$1000)– IsoCamp: University of New Mexico Center for Stable Isotope Biogeochemistry and Ecology Course.
- 2021 Trevor Colbourn Anthropology Endowment Grant (\$400)– “Analysis of mortuary assemblages of Holtun, Guatemala” (Rescinded due to Covid–19).
- 2020 Student Government Group Conference Grant (\$3200)– American Association of Physical Anthropologists (Rescinded due to Covid–19).
- 2020 Trevor Colbourn Anthropology Endowment Grant (\$400)– “Classification of ceramic vessels from burials of

- Holtun, Guatemala” (Rescinded due to Covid-19).
- 2019 Student Government Conference Grant (\$400)– Society of American Archaeology in Washington D.C.
- 2018 Undergraduate Research and Presentation Grant (\$1,250)– “Maya Ossuaries: body processing and collective memory in the Terminal Classic.”

AWARDS & FELLOWSHIPS

- 2022 Robert & Virginia Bell Public Archaeology Award (\$2,800)– Oklahoma Public Archaeology Network.
- 2022 David C. Steed Arts and Sciences Scholarship (\$1,250)– Dodge Family College of Arts and Sciences.
- 2021 Excellence in Public Archaeology Award (\$500)– Oklahoma Public Archaeology Network.
- 2021 College of Graduate Studies Presentation Award (\$150)– University of Central Florida.
- 2019 Graduate Fellow– Faculty Center for Teaching and Learning Program, University of Central Florida.
- 2018 Max and Peggy Kriloff Award (\$250)– College of Arts and Sciences, University of Miami.
- 2013 Coral Award (24,000)– University of Miami (Tuition and Fees grant awarded once a year 2013-2015).

ADDITIONAL TRAINING

- 2022 Genetic Research Consortium, Center for the Ethics of Indigenous Genomic Research, Prior Lake, MN.
- 2022 Computational Genetic Applications to Anthropological Research, University of Utah, Association of Anthropological Genetics (Zoom).
- 2022 IsoCamp: Stable Isotope Biogeochemistry and Ecology Course, Center for Stable Isotopes, University of New Mexico, Albuquerque, NM.
- 2021 Doorway to Human History: Integrated Genetics, Archaeology, and Linguistic, Max Planck Institute for the Science of Human History, Jena, DE (Zoom).

PUBLICATIONS AND THESES

Publications & Theses (*= Manuscripts in development ‡=Authors Contributed Equally)

- 2021 **Palacios, H. M.** *Bioarchaeological and Mortuary Patterns at Holtun, Guatemala: Integrating a Comparative Osteobiographic Approach* M.A. Thesis, University of Central Florida. (<https://stars.library.ucf.edu/etd2020/741>)

CONFERENCE PROCEEDINGS

Research Activity (∴=Poster ‡=Authors Contributed Equally)

- 2023 **Palacios, H.M.**, Honap, T.P., Prufer, K., Kennett, D.J., Lewis, C.M. Ancient Maya Inequality and Oral Microbiome Ecologies from Classic Period Cave Contexts in the Maya Mountains of Belize. *Molecular Anthropology* at the 88th Annual Meeting of the Society for American Archaeology, Portland, OR.
- 2023 Pitblado, B., Cooley, D.S., Dudley, M.J, McLeod, A., **Palacios, H.M.** The Oklahoma Public Archaeology Network: Archaeology in Service of Heritage. *Community Archaeology Session* at the 88th Annual Meeting of the Society for American Archaeology, Portland, OR.
- 2023 ‡**Palacios, H.M.**, ‡Cooley, D.S., Pitblado, B., Introducing The Community Archaeologist: Developing a Student-Led Heritage Magazine through Academic Partnerships at the 3rd Annual Meeting of the Oklahoma Archaeological Conference, Oklahoma City, OK.
- 2022∴ ‡Cooley, D.S., ‡**Palacios, H.M.**, Public magazines as spaces for scholar-activist engagement. at the 79th Annual Meeting of the Plains Archaeological Conference, Oklahoma City, OK.
- 2022∴ Dudley, M.J., Cooley, D.S., **Palacios, H.M.**, Pitblado, B., From the Ground Up: Student-Led Efforts in Social Activism. at the 79th Annual Meeting of the Plains Archaeological Conference, Oklahoma City, OK.
- 2021∴ **Palacios, H.M.**, Toyne, J.M., Callaghan, M.G., Kovacevich, B., Tracing Inequality through Bioarchaeological and Mortuary Analysis at Holtun, Guatemala. University of Central Florida Graduate Research Forum, Orlando, FL.
- 2021 **Palacios, H.M.**, Toyne, J.M., Callaghan, M.G., Kovacevich, B., Bioarchaeological and mortuary patterns at Holtun, Guatemala: An analysis of residential and plaza burials. *General Bioarchaeology* at the 86th Annual Meeting of the Society for American Archaeology, San Francisco, CA.

- 2020 **Palacios, H.M.** The Past Remembered: exploring collective social memory and political consolidation of the Itza polity. *Transformations of the Body* at the 3rd Annual Integrating Anthropology: Shifting Perspectives Conference, Orlando, FL.
- 2019 **Palacios, H.M.** Theorizing through Bodies: Examining Cranial Modification in the Americas. *Transformation and Identity* at the 2nd Annual Integrating Anthropology: Shifting Perspectives Conference, Orlando, FL.
- 2019 **Palacios, H.M.,** Ardren, T., The Florida Middle Archaic: Trade and Lithic Green-Stone ornament construction. *Archaeology of the Archaic Period in North America* at the 84th Annual Meeting of the Society for American Archaeology, Albuquerque, NM.
- 2018 **Palacios, H.M.,** Ardren, T., Wesp, J.K., Stanton, T., Maya Ossuaries: Embodiment, Body Processing, and Collective Memory at Terminal Classic Yaxuná. *Mortuary Archaeology of the Americas* at the 83rd Annual Meeting of the Society for American Archaeology, Washington, D.C.
- 2018 **Palacios, H.M.,** Maya Ossuaries: Recent findings at Yaxuná from the Terminal Classic Period. 7th Annual Research and Innovation Forum, Coral Gables, FL.

Organized Professional Activity

- 2022 **Co-Organizer**, Poster Session: *From the Ground Up: Student-Led Efforts in Social Activism on the Great Plains*. With Delaney S. Cooley, Meghan Dudley, and Bonnie Pitblado. Plains Archaeological Conference, Oklahoma City, OK.
- 2022 **Co-Organizer**, CEIGR Workshop: *Indigenous Sovereignty and Genetic Industry Practices* With Jessica W. Blanchard, Vanessa Hiratsuka, Justin R. Lund, Cara R. Monroe, Bobby Saunkeah, Cecil M. Lewis, Nathan J. Rabang. Center for the Ethics of Indigenous Genomic Research, Norman, OK.

RESEARCH PRESENTATIONS

- 2021 *Lived Identities: On the Utility of a Comparative Osteobiographic Approach to Bioarchaeology in the Maya Region*, University of Oklahoma, Presented at: Laboratories of Molecular Anthropology and Microbiome Research.
- 2020 *Understanding Citation Managers: A look at Endnote and Zotero*, University of Central Florida, Presented at: ANG5094 Writing for Anthropology. (Invited)
- 2019 *Looting in Modernity: Commodities, Antiquities, and Site Destruction*, University of Central Florida Presented at: Faculty Center for Teaching and Learning.

TECHNICAL REPORTS

- 2022 **Palacios, Horvey M.,** CEIGR Workshop Series Program: Indigenous Sovereignty and Genetic Industry Practices. Prepared for the Center for the Ethics of Indigenous Genomic Research, Center for Applied Social Research, Norman, OK.
- 2022 Cooley, Delaney, **Palacios, Horvey M.,** Strategic plan and editorial needs assessment of the Oklahoma Quarterly (OQ) magazine. Prepared for the Oklahoma Public Archaeology Network, College of Arts and Sciences, Norman, OK.
- 2018 **Palacios, Horvey M.,** Internal deaccession assessment and inventory of North American Archaeological Skeletal Material. Prepared for the Phillip and Patricia Frost Museum of Science, Miami, FL.
- 2017 **Palacios, Horvey M.,** Chapter 4: Investigations from the salvage excavation of a Terminal Classic Maya Ossuary. In: *Proyecto de Interacción Política del Centro de Yucatán (PIPICY): Informe Técnico de la Novena Temporada (2017)*. Prepared for the Consejo de Arqueología del Instituto Nacional de Antropología e Historia (INAEH), MX.

RESEARCH EXPERIENCE & EMPLOYMENT

Laboratory

- 2022 Center for Stable Isotopes, University of New Mexico, Albuquerque, NM.
- 2022 McCall Mass Spectrometry and Metabolomics Lab, University of Oklahoma, Norman, OK.
- 2021– Laboratories of Molecular Anthropology and Microbiome Research (LMAMR), University of Oklahoma, Norman, OK. (Lewis, Honap, and Monroe Working Groups)

- 2019 Laboratory for Bioarchaeological Sciences, University of Central Florida, Orlando, FL.
- 2019 Laboratory of Osteology, University of Central Florida, Orlando, FL.
- 2019 Laboratory for Archaeological Sciences, University of Central Florida, Orlando, FL.

Field

- 2022 Community Engagement and Consultation, Calculus and Hominid Oral Metagenomes for Pathogen Evolution Research, Ya'axche, BZ.
- 2019 Archaeological Field Technician, Archaeological Consultants Inc., Phase I and II excavation, Bioarchaeological focus, Sarasota, FL.
- 2018 Field Archaeologist, Proyecto Sacbe Yaxuná–Cobá, Cobá, Quintana Roo, MX.
- 2017 Assistant Field Osteologist, Proyecto de Interacción Política del Centro de Yucatán, Yaxuná, Yucatán, MX.

Museum & Collections

- 2022– NAGPRA Curation Volunteer, Archaeology Division, Sam Noble Oklahoma Museum of Natural History, University of Oklahoma.
- 2022– Graduate Human Osteology Volunteer, Archaeology Division, Sam Noble Oklahoma Museum of Natural History, University of Oklahoma.
- 2018 Inventory and Collections Assistant, Department of Anthropology, University of Miami.
- 2018 Museum Researcher in Archaeology, Department of Collections and Exhibitions, Phillip and Patricia Frost Museum of Science, Brickell, FL.

Relevant University Employment

- 2017 Research and Assessment Assistant, Department of Student Life, Office for Vice–President of Student Affairs, University of Miami.
- 2016 Research Assistant, Department of Political Science, University of Miami.
- 2016 Political Research Intern, Bendixen and Amandi International. Coconut Grove, FL.
- 2014 Communications Media Assistant, Department of Media Communications, Vice–President's Office for Student Affairs, University of Miami.

APPLIED SKILLS

Laboratory

$\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ in solids, δD in solids, $\delta^{18}\text{O}$ in solids, $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ in carbonates, δD and $\delta^{18}\text{O}$ in waters, Delta V TS Continuous Flow and Dual Inlet Isotope-Ratio Mass Spectrometry (IR-MS), Cryogenic Vacuum Distillation, Gas Line Extraction, Picarro L1102-I Water Isotopic Analyzer, Thermal Conversion Elemental Analyzer IR-MS, Collagen Ultrafiltration, Liquid Chromatography, Tandem Mass Spectrometry (MS²)

Ancient and modern DNA extractions, qubit, double stranded library preparation, discovery and targeted sequencing, metagenome analysis, qPCR and PCR, gel electrophoresis, fragment analyzer, tape station, pippin prep, Illumina sequencing, reference and *deNovo* genome assembly

Metric and non–metric skeletal data collection, human osteological analysis, paleopathological analysis, analysis of cranial modification, mortuary analysis

Brucker pXRF artifact preparation and analysis.

Computational

Bash Scripting, Adobe Creative Suite, R[®] Statistical programming software, Python, LaTeX, ForDisc, OsteoWare, and MS office, File Maker Pro

Field

Community Engagement, Phase I/II/III Excavation, Photography, Mapping, Survey, Total Station and R8 GPS System, Excavation of Skeletal Remains *in situ*

Language

Spanish (native proficiency), English (native proficiency), French (speaking and reading)

TEACHING EXPERIENCE

Pedagogical Development

2019 Preparing Tomorrow's Faculty Teaching Certification, Faculty Center for Teaching and Learning Program, University of Central Florida.

Courses

2021 Teaching Assistant, University of Central Florida, Department of Anthropology– The Human Species; Florida Archaeology; Sex, Gender, and Culture; 377 Students

2017 Teaching Assistant, University of Miami, Department of Anthropology– Forensic Anthropology: Field Methods; 18 Students

2016 Teaching Assistant, University of Miami, Department of Anthropology– Human Osteology; 23 Students

Student Mentorship

2022 Laboratory Mentor, University of Oklahoma, Laboratories of Molecular Anthropology and Microbiome Research. Undergraduate: *Kendall Terry*

2022 Mentor, University of Oklahoma, Department of Anthropology. Graduate: *Megan Walsh*

2021 Mentor, University of Oklahoma, Gender + Equality Center. Undergraduate: *Michael Cheek, Anna Thomas*

2020 Facilitator, Anthropology Mentorship Program, University of Central Florida.

2019 Laboratory Mentor, University of Central Florida, Laboratory for Bioarchaeological Sciences. Undergraduate: *Zachary Kennard*

SERVICE AND ORGANIZATIONS

Service to the Profession

2022– Member, Publications Committee, Society for American Archaeology (SAA).

2020– Member, Crabtree Award Committee, Society for American Archaeology (SAA).

2019– Member, Bioarchaeological Ethics Subcommittee, Bioarchaeology Interest Group (BIG), Society for American Archaeology (SAA).

2022 Task Force, Meeting Access Grants, Society for American Archaeology (SAA).

Service to the University

2022 Judge/Moderator, Undergraduate Research Day, Honors College, University of Oklahoma.

2022 Graduate Committee Member, Academic Integrity Council, University of Oklahoma.

2022 Interim Senator, Graduate Student Senate, University of Oklahoma.

2020 Graduate Senator, Student Government Association, University of Central Florida.

2020 Member, Student Body Advocacy Committee, University of Central Florida.

2019 Grades Appeal Graduate Committee, College of Sciences, University of Central Florida.

2016 Committee Member, President's Coalition on Sexual Assault Prevention and Education, Office of the President, University of Miami.

2015 Program Facilitator, IBIS LGBTQ+ Ally Network, University of Miami.

Service to the Department

2022 Facilitator, Moving beyond Weiss and Springer's Repatriation and Erasing the Past, Working Group on Ethics and the Dead, University of Oklahoma.

2022– President, Anthropology Graduate Student Association, University of Oklahoma.

2021– Member, Oklahoma Publica Archaeology Network, University of Oklahoma.

2020 President, Graduate Anthropology Association, University of Central Florida.

2020 Student Interviewer, Cluster Hire of Two Tenure-Track Biological Anthropologist (successful), Department of Anthropology, University of Central Florida.

2020 Invited Panelist, The Graduate School Experience, Lambda Alpha Honor Society, Department of

- Anthropology, University of Central Florida.
- 2018 Student Interviewer, Tenure–Track Biological Anthropologist (successful), Department of Anthropology, University of Miami.
- 2018 Volunteer, Ancient Explorers: Little Salt Spring and the Peopling of the Americas, University of Miami.
- 2016 President, Anthropology Club, Department of Anthropology, University of Miami.

Review and Editorial Service

- 2021– Contributing Editor, American Anthropologist, American Anthropological Association.
- 2022 Grant Reviewer, Ways and Means, Graduate Student Senate, University of Oklahoma.
- 2020– Editorial Board Member, Journal of Undergraduate Research, University of Florida.
- 2020– Ad–Hoc Reviewer, Journal of Human Biology, Wiley Press; Ancient Mesoamerica, Cambridge University Press; The New Florida Journal of Anthropology, Florida Press.
- 2020 Peer Review Journal Certification, Publons Academy. (<https://www.Publons.com>).

Professional Development

- 2022 Workshop, Bioarchaeological Analysis of Cremated Human Remains by Dr. Jessica Cerezo–Román, Department of Anthropology, University of Oklahoma.
- 2021– SciCommunication Working Group, Department of Anthropology, University of Oklahoma.
- 2021 Seminar, Ethics in Ancient DNA research, Working Group on Ethics and the Dead, University of Oklahoma.
- 2021 Faces of Rulership in the Maya Region, Dumbarton Oaks, Washington D.C.
- 2020 Site Scout, Heritage Monitoring Program, Florida Public Archaeology Network.
- 2020 University of Utah Evolutionary Genetics of Humans and Other Primates Journal Club.
- 2019 Seminar, pXRF in Archaeology: Overview of Fundamental Concepts and Case Studies by Lucas R. M. Johnson, Society for American Archaeology.
- 2016 Volunteer, Florida Public Archaeology Network, Florida Archaeology Day.

PUBLIC ENGAGEMENT

Publications for the Public

- 2022 Cooley, Delaney S., **Palacios, Horvey M.**, Move the Starting Line: Student-led Community Archaeology at the University of Oklahoma OKPAN Quarterly Summer Issue, Oklahoma Public Archaeology Network, Volume 3 (4) (<https://www.ou.edu/okpan/quarterly/archive>) Role: **Author**
- 2022 OKPAN Quarterly Magazine Summer Issue, Oklahoma Public Archaeology Network, Volume 3 (4) In Press. Role: **Associate Editor**
- 2022 **Palacios, Horvey M.**, Creating Dangerously: Bridging Anthropology and Digital Humanities, <https://horveypalacios.github.io/posts/2022-05-12-blog-post-5/> Role: **Author**
- 2021 OKPAN Quarterly Magazine Winter Issue, Oklahoma Public Archaeology Network, Volume 3 (2) (<https://www.ou.edu/okpan/quarterly/archive>). Role: **Associate Editor**

Presentations & Workshops to the Public

- 2020 Contributing Scientist, Skype–a–Scientist. (<https://www.skypeascientist.com>).
- 2019 *Understanding Anthropology*, University of Central Florida, Orlando, Florida. (Presented at: University High School and Jones High School).
- 2019 *Humans of the past!*, University of Central Florida, Orlando, Florida. (Presented at: The Creative School for Children and Columbia Elementary).
- 2018 Presenter, *What is Biological Anthropology*, Phillip and Patricia Frost Museum of Science, Miami, FL.
- 2018 *Washing Artifacts of Florida’s Past*, Workshop, Anthropology Day, University of Miami.
- 2018 Presenter, *Ancient Coastlines of Florida and its Residents*, Florida Public Archaeology Network.
- 2017 *The Tequesta people of Florida*, Ah–Tah–Thi–Ki Museum, Indian Arts Celebration.

HONORS

Elected Associate Member | Sigma Xi Scientific Research Society (ΣΞ)
Inducted Member | Omicron Delta Kappa Leadership Society (ΟΔΚ)
Inducted Member | Lambda Alpha Anthropology Honor Society (ΛΑ)

PROFESSIONAL MEMBERSHIPS

American Association of Biological Anthropology (AABA)
International Society for Biomolecular Archaeology (ISBA)
National Center for Faculty Development and Diversity (NCFDD)
Society for American Archaeology (SAA)
Society for Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS)